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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: November 26, 2002

SUBJECT: Industrial Highway/Conservation Chemical Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

TO: R. Worley, U.S. EPA, OSWER) (Worley.Ray@epa.gov)
R. Karl, U.S. EPA, Chief ERB, Chicago, IL (karl.richard@epa.gov)
W. Messenger, U.S. EPA, Chief ESS, Chicago, IL (messenger.william@epa.gov)
A. Marouf, U.S. EPA, H&S, Chicago, IL (marouf.afif@epa.gov)
C. Kawakami, U.S. EPA, ORC (Kawakami.Cynthia@epa.gov)
V. Mullins, U.S. EPA, ESS (Mullins.Valerie@epa.gov)
J. Maritote, U.S. EPA, ESS, Chicago, IL (maritote.john@epa.gov)
B. Bolen/K. McCarty, U.S. EPA, Chief RS 2, Chicago, IL (McCarty.Kevin@epa.gov)
B. Kush, U.S. EPA, Chief OPA, Chicago, IL. (Kush.Beverly@epa.gov)
B. Paulson, U.S. EPA, ORC (Paulson.Bob@epa.gov)
USGC Case Officer, NPFC, Washington, DC (EPAPOLREPS@Ballston.uscg.mil)
Paul Karas, Administrator, Gary Chicago Airport FAX; 219-949-0573

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II. BACKGROUND

CERCLA Site No: Z590
CERCLIS ID Number: IND040888992
Delivery Order Number: 3141-25
Response Authority: OPA/CERCLA
OPA ID Number: FPN#: 098022
Account Number: 90
NPL Status: Not on NPL
IDEM Notification: Yes
Start Date: Sept 1998
Completion Date: Pending

III. SITE INFORMATION

- A. See POLREP 1-26 for previous U.S. EPA removal actions. U.S. EPA has re-mobilized to the Conservation Chemical/ Industrial Highway site at 6499 Industrial Highway in Gary, Indiana. U.S. EPA will install six recovery wells and a treatment building and system to collect an estimated 125,000 gallons of free product (crude oil) which lies beneath the former Berry Oil refinery and Conservation Chemical (CCCI) site. The installation and operation of the oil collection system will halt the release of oil to the unnamed ditch on the Gary/Chicago Airport which is a tributary to the Grand Calumet River. The CCCI site work was completed in 2002 under a PRP lead consent order which was overseen by U.S. EPA. Any CERCLA work conducted under this action will be billed to Delivery Order #9801-05-09. This will include on-site excavation, treatment and disposal of contaminated soil and support costs.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

ERRS will begin backfilling in the extraction well pipe trench. Plumbing for extraction wells will continue moving north towards the proposed location of the water treatment building.

Construction of the water treatment building will continue. Remaining construction will take 1-2 weeks to complete the installation of the 20' by 20' treatment building.

Procure wire for electrical and transducer leads to recovery wells.

Pressure test piping and backfill trench

Procure stabilization agent(lime kiln dust or fly ash) and begin soil fixation for lead.

2. Completed activities:

Wednesday, November 20, 2002, ERRS completed stub ups for extraction well XW-4. Walker poured the concrete floor of the treatment building and the outside pad.

Thursday, November 21, 2002, ERRS completed stub ups for extraction well XW-5 and continued plumbing from XW-5 towards XW-6. Walker set forms for building walls. Oil/water separator arrived on site and was unloaded from the truck.

Friday, November 22, 2002, ERRS completed piping from XW-6 to the stub ups at the water treatment building. Walker poured the walls for the water treatment building.

Monday, November 25, 2002, ERRS began placing a 6-inch layer of sand above the completed piping in the trench between XW-5 and the treatment building.. ERRS also set the oil/water separator inside the treatment building. Three truckloads of sand were mobilized to the site. Procured electric wire and supplies. 5,000 gallon double wall oil tank delivered and unloaded. Concrete curb was completed and forms were pulled and building area was graded.

Tuesday, November 26, 2002, ERRS will complete pressure testing of the piping. Chester Construction will begin building construction and set iron support beams.

3. Enforcement:

Refer to Action Memorandum

B. Next Steps

The construction on the proposed treatment building will continue. A 20' by 20' treatment building will be constructed to house the water treatment equipment. The remaining construction and installation will take 1-2 weeks to complete.

Lime kiln dust or fly ash will be utilized to chemically fixate the excavated soil which failed TCLP for lead. Disposal at Allied Waste has been approved once fixation and confirmation sampling is completed.

C. Key Issues

Once the treatment systems are up and operational, U.S. EPA will operate for 3 years only. At that time the Gary Chicago Airport will have to assess whether they will continue operation of the oil collection systems.

V. COST INFORMATION (estimated as of November 25, 2002)

A CERCLA Funding(Conservation Chemical)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 414,238.00	\$ 690,000.00

B. OPA Funding(Industrial Highway)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$1,136,801.00	\$ 1,240,000.00
START	\$ 17,226.00	\$ 32,000.00
Total	\$ 1,154,027.00	\$ 1,272,000.00

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. Waste Disposal

No waste has been disposed of as of November 25, 2002